

WHAT IS CLAIMED IS:

1 1. An integrated individual listening device and decoder comprising:
2 a decoder for decoding an audio signal and separating said audio signal into
3 a voice signal and a background signal,
4 a first end-user adjustable amplifier coupled to said voice signal and
5 amplifying said voice signal;
6 a second end-user adjustable amplifier coupled to said background signal and
7 amplifying said background signal;
8 a summing amplifier coupled to outputs of said first and second end-user
9 adjustable amplifiers and outputting a total audio signal, said total signal coupled to
10 an individual listening device.

1 2. The integrated individual listening device and decoder according to claim
2 1, wherein said individual listening device is a hearing aid.

1 3. The integrated individual listening device and decoder according to claim
2 1, wherein said individual listening device is a head set.

1 4. The integrated individual listening device and decoder according to claim
2 1, wherein said individual listening device is an assistive listening device.

1 5. The integrated individual listening device and decoder according to claim
2 1, wherein said individual listening device is a cochlear implant.

1 6. The integrated individual listening device and decoder according to claim
2 1, further comprising a third end-user adjustable amplifier couple between said
3 summing amplifier and said individual listening device for adjusting said total
4 signal.

1 7. A voice-to-remaining audio (VRA) receiving device comprising:
2 a receiver for receiving a voice signal and a background signal of an audio
3 signal,

1 a first end-user adjustable amplifier coupled to said voice signal and
2 amplifying said voice signal;
3 a second end-user adjustable amplifier coupled to said background signal and
4 amplifying said background signal;
5 a summing amplifier coupled to outputs of said first and second end-user
6 adjustable amplifiers and outputting a total audio signal, said total signal coupled to
7 an individual listening device.

1 8. The receiver according to claim 7, wherein said individual listening
2 device is a hearing aid.

1 9. The receiver according to claim 7, wherein said individual listening
2 device is a head set.

1 10. The receiver according to claim 7, wherein said individual listening
2 device is an assistive listening device.

1 11. The receiver according to claim 7, wherein said individual listening
2 device is a cochlear implant.

1 12. The receiver according to claim 7, further comprising a third end-user
2 adjustable amplifier couple between said summing amplifier and said individual
3 listening device for adjusting said total signal.

1 13. A set-top-terminal for providing voice-to-remaining audio capability
2 comprising:
3 a decoder for decoding a bitstream and producing as its output, a digital
4 preferred audio signal and a digital remaining audio signal;
5 a digital to analog (D/A) converter coupled to said decoder, said D/A
6 converter converting said digital preferred audio signal and a digital remaining audio
7 signal into an analog preferred audio signal and an analog remaining audio signal;
8 and

1 a transmitter coupled to said D/A converter and transmitting said analog
2 preferred audio signal and said analog remaining audio signal.

1 14. The set-top-terminal according to claim 13, further comprising:
2 a first end-user adjustable amplifier coupled to said analog preferred voice
3 signal and amplifying said analog preferred voice signal;
4 a second end-user adjustable amplifier coupled to said analog remaining
5 audio signal and analog remaining audio signal;
6 a summing amplifier coupled to outputs of said first and second end-user
7 adjustable amplifiers and outputting a total audio signal, said total signal coupled to
8 an analog receiving device.

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